

System and Methodology Providing Typed Event and Notification Services

Abstract

A system and methodology providing typed event and notification services is described. In one embodiment a method for transmitting an event message from a first application to at least one second application over an event channel comprises: generating a message request based on an event at a first application, the message request having a header and a body, the body containing typed event data marshaled for transmission over an event channel; sending the message request to the event channel; in response, reading the header to obtain information about the event without un-marshaling the body; creating a wrapper based, at least in part, on the information obtained from the header; appending the body to the wrapper to create an event message; determining at least one second application to receive the event message; and delivering the event message to the at least one second application.